

In the Claims

7. A method for providing a multimedia presentation to a computer user or to users of devices with a central processing unit equipped with an output display and audio device, comprising:

receiving from a server or other transmission devices or by radio and other frequencies in known broadcast and telecommunication spectrums, an encrypted multimedia presentation data file, the multimedia presentation data file which includes and contains or may contain elements of encrypted video component data and files, encrypted audio component data and files, encrypted text component data and files, encrypted hyperlinks and HTML component data and files, encrypted still raster image or graphic component data and files, encrypted motion or still vector image or graphic component data and files, and encrypted synchronization data;

displaying a graphical user interface comprising at least first and second display areas for display of decrypted multimedia component data or files and user display controls to interactively display a decrypted multimedia presentation; and

concurrently displaying, in the first and second display areas, decrypted multimedia presentation component data or files respectively associated with the first and second display areas, in accordance with user commands entered through the user display controls and further in accordance with the decrypted synchronization data.

8. The method recited in claim 7,
wherein the graphical user interface further comprises a third display area;
and

wherein displaying further comprises concurrently displaying in the third display area decrypted multimedia presentation components associated with the third display area.

9. The method recited in claim 7,
wherein the components of the encrypted multimedia presentation data file and its data and files contained within the single encrypted multimedia presentation data file are also stored in an encrypted format; and
wherein displaying comprises decrypting the encrypted multimedia presentation data file and sequentially extracting from the decrypted multimedia presentation data file, decrypted data portions and a decrypted file or files associated with concurrently decrypted and displayed multimedia presentation components.

10. The method recited in claim 7,
wherein the audio and video components of the encrypted multimedia presentation data file are encrypted and stored, and when decrypted are audio/video interleaved data and file formats; and
wherein the audio and video components of the encrypted multimedia presentation data file are encrypted and stored, and when decrypted are audio component files and decrypted video component files in non-interleaved component audio and video data and file formats; and
wherein displaying comprises decrypting and sequentially extracting, from the encrypted multimedia presentation data file, decrypted data portions or a decrypted file or files associated with decrypted concurrently displayed components; and
the method further comprising decrypting and extracting from the encrypted multimedia presentation data file, portions of decrypted audio data or a decrypted audio file or files synchronized with the decrypted displayed components; and
the method further comprising decrypting password data and time and or date expiration data and information to either confirm or deny extraction from the encrypted multimedia presentation data file, to confirm or deny the display or non-display of portions of decrypted data or decrypted component multimedia files contained within.

11. The method recited in claim 7, wherein the encrypted multimedia presentation data file is represented by a single data file identifier.

12. A system for providing a multimedia presentation to a computer user or to users of devices with a central processing unit with an output display and audio capabilities, comprising:

means for receiving from a server or other transmission devices or by radio frequency and other frequencies in known broadcast and telecommunication spectrums, an encrypted multimedia presentation data file, the multimedia presentation data file which includes and contains or may contain elements of encrypted video component data and files, encrypted audio component data and files, encrypted text component data and files, encrypted hyperlinks and HTML component data and files, encrypted still raster image or graphic component data and files, encrypted motion or still vector image or graphic component data and files, and encrypted synchronization data;

means for displaying a graphical user interface comprising at least first and second display areas and user display controls; and

means for concurrently displaying, in the first and second display areas, decrypted multimedia presentation components and data or files respectively associated with the first and second display areas, in accordance with user commands entered through the user display controls and further in accordance with the decrypted synchronization data.

13. The system recited in claim 12,
wherein the graphical user interface further comprises a third display area;
and

wherein displaying further comprises concurrently displaying in the third display area decrypted multimedia presentation components, data or files associated with the third display area.

14. The system recited in claim 12,
wherein the components of the encrypted multimedia presentation data file and its data and files contained within the encrypted multimedia presentation data file are stored in an encrypted format; and
wherein displaying comprises decrypting the encrypted multimedia presentation data file and sequentially extracting from the decrypted multimedia presentation data file, decrypted data portions and or a decrypted file or files associated with decrypted and concurrently displayed multimedia presentation components.

15. The system recited in claim 12,
wherein the audio and video components of the encrypted multimedia presentation data file are encrypted and stored, and when decrypted are audio/video interleaved data and file formats; and
wherein the audio and video components of the encrypted multimedia presentation data file are encrypted and stored, and when decrypted are audio component files and decrypted video component files in separate non-interleaved component audio and video data and file formats; and
wherein displaying comprises decrypting and sequentially extracting, from the encrypted multimedia presentation data file, decrypted data portions or a decrypted file or files associated with decrypted concurrently displayed components; and
the system further comprising decrypting and extracting from the encrypted multimedia presentation data file, portions of decrypted audio data or a decrypted audio file or files synchronized with the decrypted displayed components; and
the system further comprising decrypting password data and time and or date expiration data and information to either confirm or refute extraction from the encrypted multimedia presentation data file, to confirm or refute the display or non-display of portions of decrypted data or decrypted component multimedia files contained within.

16. The system recited in claim 12, wherein the encrypted multimedia presentation data file is represented by a single data file identifier.

17. A computer readable storage medium having stored therein machine readable data representing control programming for controlling performance of a system for providing a secure interactive multimedia presentation, the system providing the functions of:

receiving from a server or other transmission devices or by radio frequency and other frequencies in known broadcast and telecommunication spectrums, an encrypted multimedia presentation data file, the multimedia presentation data file which includes or may contain elements of encrypted video component data and files, encrypted audio component data and files, encrypted text component data and files, encrypted hyperlinks and HTML component data and files, encrypted still raster image or graphic component data and files, encrypted motion or still vector image or graphic component data and files, and encrypted synchronization data;

displaying a graphical user interface comprising at least first and second display areas and user display controls; and

concurrently displaying, in the first and second display areas, decrypted multimedia presentation component data or files respectively associated with the first and second display areas, in accordance with user commands entered through the user display controls and further in accordance with the decrypted synchronization data.

18. The computer readable storage medium recited in claim 17, wherein the graphical user interface further comprises a third display area; and

wherein displaying further comprises concurrently decrypting and displaying in the third display area decrypted multimedia presentation components associated with the third display area.

19. The computer readable storage medium recited in claim 17,
wherein the component data and files of the multimedia presentation data
file are stored in an encrypted format that may contain encrypted password or
date expiration data and information; and

wherein displaying comprises sequentially extracting, from the encrypted
multimedia presentation data file, decrypted data portions and or decrypted
component data files associated with concurrently displayed and decrypted
multimedia components.

20. The computer readable storage medium recited in claim 17,
wherein the component data and files of the multimedia presentation data
file are stored in an encrypted format that may contain encrypted password or
date expiration data and information; and

wherein displaying comprises sequentially extracting, from the encrypted
multimedia presentation data file, decrypted data portions and or decrypted
component data files associated with concurrently displayed and decrypted
components; and

the method further comprising extracting, from the encrypted multimedia
presentation data file, portions of decrypted audio data or a decrypted audio file
or files synchronized with the decrypted displayed components.

21. The computer readable storage medium recited in claim 17,
wherein the encrypted multimedia presentation data file is represented by a
single data file identifier.

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